Date Printed: 11/13/2016 06:22

OAK RIDGE NATIONAL LABORATORY
Managed by UT-Battelle for the Department of Energy

Daily Summary Report

Site: Tower "K" (1208)

11/11/2016

Interval: 001h

	01_TempC_010m	02_TempC_060m	03_TempF_010m	04_TempF_060m	05_VT_Grad	06_DewPtC_010m	07_DewPtF_010m	08_RH_010m	09_AbsHum_010m
Hour	DEGC	DEGC	DEGF	DEGF	DEGC	DEGC	DEGF	PERCENT	G/M3
00:00	5.6	10.4	42.0	50.6	4.8	3.2	37.7	85.3	6.0
01:00	3.9	9.9	39.1	49.8	5.9	2.3	36.2	89.9	5.7
02:00	3.6	8.2	38.4	46.7	4.6	2.8	37.1	95.7	5.9
03:00	3.8	8.6	38.8	47.5	4.9	2.5	36.5	92.3	5.7
04:00	2.5	6.3	36.6	43.4	3.8	2.0	35.5	96.7	5.5
05:00	1.4	4.4	34.6	39.9	3.0	.9	33.6	96.7	5.1
06:00	1.0	4.0	33.8	39.2	3.0	.5	32.8	96.8	5.0
07:00	.9	4.2	33.5	39.5	3.3	.2	32.3	96.0	4.9
08:00	2.8	4.7	37.0	40.5	1.9	-2.9	26.8	67.2	3.9
09:00	6.8	8.1	44.3	46.6	1.3	-2.2	28.0	53.0	4.0
10:00	12.0	11.8	53.6	53.2	-.2	-.3	31.5	43.5	4.6
11:00	15.1	14.5	59.2	58.2	-.5	-.6	31.0	34.9	4.5
12:00	17.0	16.2	62.5	61.2	-.7	-.4	31.3	31.4	4.5
13:00	17.7	16.9	63.8	62.4	-.8	-.2	31.6	30.4	4.6
14:00	18.4	17.7	65.1	63.8	-.7	.1	32.2	29.8	4.7
15:00	18.3	17.5	64.9	63.5	-.8	1.5	34.8	33.2	5.2
16:00	18.0	17.5	64.5	63.4	-.6	2.1	35.8	35.1	5.4
17:00	17.0	17.2	62.6	63.0	.2	3.0	37.4	40.0	5.7
18:00	15.8	16.1	60.4	60.9	.3	4.2	39.6	46.9	6.3
19:00	14.5	14.7	58.0	58.5	.2	4.6	40.3	52.3	6.4
20:00	13.8	13.8	56.8	56.9	.1	5.0	40.9	56.1	6.6
21:00	12.7	13.0	54.9	55.5	.3	4.7	40.5	58.9	6.5
22:00	11.5	12.6	52.7	54.6	1.0	4.6	40.2	63.1	6.5
23:00	10.2	12.1	50.4	53.8	1.9	4.6	40.2	68.7	6.5
Avg	10.2	11.7	50.3	53.0	1.5	1.8	35.2	62.2	5.4
Max	18.4	17.7	65.1	63.8	5.9	5.0	40.9	96.8	6.6
Hr. of Max	14	14	14	14	01	20	20	06	20
Min	.9	4.0	33.5	39.2	-.8	-2.9	26.8	29.8	3.9
Count	24	24	24	24	24	24	24	24	24
Total									

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	10_Mix_Ratio_010m	_Sat_Mix_Ratio_01(	12_Vapor Pr_010m	3_Sat Vapor Pr_010r	14_LHV_010m	15_Precip_mm	16_Precip_In	17_PrecipSum	18_Solar_Rad_Wm2
Hour	None	None	KPa	None	None	MM	INCHES	INCHES	W/M2
00:00	0.0049	0.0057	7.7	9.1	2478014.5	.0	.00	.00	-3.8
01:00	0.0046	0.0051	7.2	8.1	2481903.1	.0	.00	.00	-3.8
02:00	0.0047	0.005	7.5	7.9	2482810.8	.0	.00	.00	-3.8
03:00	0.0046	0.005	7.3	8.0	2482335.3	.0	.00	.00	-3.8
04:00	0.0045	0.0046	7.0	7.3	2485260.7	.0	.00	.00	-3.9
05:00	0.0041	0.0043	6.5	6.8	2487855.4	.0	.00	.00	-4.0
06:00	0.004	0.0041	6.3	6.6	2488892.3	.0	.00	.00	-3.8
07:00	0.0039	0.0041	6.2	6.5	2489245.6	.0	.00	.00	33.2
08:00	0.0031	0.0047	5.0	7.5	2484649.6	.0	.00	.00	240.6
09:00	0.0033	0.0063	5.2	9.9	2475065.7	.0	.00	.00	356.5
10:00	0.0038	0.0089	6.1	14.1	2462740.3	.0	.00	.00	470.8
11:00	0.0038	0.0108	6.0	17.2	2455429.3	.0	.00	.00	556.8
12:00	0.0038	0.0122	6.0	19.4	2451018.4	.0	.00	.00	414.4
13:00	0.0039	0.0128	6.1	20.3	2449304.4	.0	.00	.00	329.7
14:00	0.004	0.0134	6.3	21.2	2447669.7	.0	.00	.00	288.4
15:00	0.0044	0.0133	6.9	21.1	2447846.3	.0	.00	.00	147.1
16:00	0.0046	0.0131	7.2	20.7	2448455.6	.0	.00	.00	84.0
17:00	0.0049	0.0123	7.7	19.4	2450904.0	.0	.00	.00	16.3
18:00	0.0053	0.0113	8.3	18.0	2453839.5	.0	.00	.00	-3.0
19:00	0.0054	0.0104	8.6	16.5	2456912.2	.0	.00	.00	-3.2
20:00	0.0056	0.0099	8.8	15.8	2458611.1	.0	.00	.00	-3.3
21:00	0.0055	0.0093	8.6	14.7	2461105.5	.0	.00	.00	-3.3
22:00	0.0054	0.0086	8.5	13.6	2463918.6	.0	.00	.00	-3.4
23:00	0.0054	0.0078	8.5	12.5	2466986.0	.0	.00	.00	-3.4
Avg	0.0045	0.0085	7.1	13.4	2467115.6	.0	.00	.00	120.5
Max	0.0056	0.0134	8.8	21.2	2489245.6	.0	.00	.00	556.8
Hr. of Max	20	14	20	14	07	23	23	23	11
Min	0.0031	0.0041	5.0	6.5	2447669.7	.0	.00	.00	-4.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	19_Solar_Rad_Lang	20_BarPres_In	21_BarPres_Mb	22_WDir_010m	23_WDir_060m	24_VWDir_010m	25_VWDir_060m	26_Sigma_010m	27_Sigma_060m
Hour	Langleys	INHG	KPa	DEG	DEG	DEG	DEG	DEG	DEG
00:00	-.01	29.21	989.3	175	238	183	238	48	10
01:00	-.01	29.19	988.6	268	213	263	214	53	11
02:00	-.01	29.20	988.9	189	256	179	256	53	8
03:00	-.01	29.19	988.6	329	236	279	237	26	6
04:00	-.01	29.19	988.4	54	260	64	254	30	10
05:00	-.01	29.18	988.3	47	292	149	289	53	27
06:00	-.01	29.18	988.1	28	266	181	256	31	14
07:00	.05	29.18	988.2	93	290	136	294	32	10
08:00	.35	29.18	988.0	157	288	179	287	49	15
09:00	.51	29.17	987.8	276	273	265	262	35	19
10:00	.68	29.17	987.7	252	256	255	256	24	11
11:00	.80	29.15	987.1	264	265	264	266	28	15
12:00	.59	29.13	986.4	301	295	289	296	33	19
13:00	.47	29.12	986.0	328	313	321	314	27	13
14:00	.41	29.10	985.6	312	305	293	307	38	26
15:00	.21	29.10	985.4	202	213	202	213	26	13
16:00	.12	29.10	985.4	208	215	205	212	28	13
17:00	.02	29.11	985.9	56	329	64	7	30	28
18:00	.00	29.14	986.9	34	27	33	27	27	24
19:00	.00	29.17	988.0	28	37	28	38	32	18
20:00	.00	29.19	988.6	33	44	30	43	37	11
21:00	.00	29.20	989.0	30	45	30	45	35	9
22:00	.00	29.22	989.6	30	45	37	44	36	8
23:00	.00	29.23	990.0	355	44	360	43	30	9
Avg	.17	29.17	987.7	352	289	0	0	35	14
Max	.80	29.23	990.0	355	329	360	314	53	28
Hr. of Max	11	23	23	23	17	23	13	05	17
Min	-.01	29.10	985.4	28	27	28	7	24	6
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	28_RWSpd_010m	29_RWSpd_060m	30_WSpd_010m	31_WSpd_060m	32_WSpdms_010m	33_WSpdms_060m	36_PkWsH_010m	37_PkWsH_060m
Hour	MPH	MPH	MPH	MPH	M/SEC	M/SEC	MPH	MPH
00:00	1.0	5.9	1.6	5.9	.7	2.7	5.0	11.0
01:00	.4	4.4	.7	4.5	.3	2.0	3.0	9.2
02:00	1.4	7.8	1.6	7.9	.7	3.6	5.5	11.7
03:00	.1	6.9	.8	7.1	.4	3.2	3.4	10.5
04:00	.3	4.6	.6	4.6	.2	2.1	3.0	8.7
05:00	.1	.6	.4	.6	.2	.3	3.0	4.1
06:00	.1	.3	.1	.3	.1	.2	1.6	2.3
07:00	.5	1.2	.8	1.3	.3	.6	1.8	2.7
08:00	.3	1.2	.4	1.2	.2	.6	1.8	3.7
09:00	1.0	2.1	1.1	2.4	.5	1.1	3.2	6.0
10:00	3.7	5.5	3.9	5.6	1.8	2.5	9.4	9.4
11:00	4.1	5.4	4.5	5.7	2.0	2.5	10.3	11.7
12:00	3.3	6.6	3.8	6.9	1.7	3.1	12.6	13.5
13:00	2.5	9.5	2.9	9.7	1.3	4.4	10.3	17.2
14:00	2.1	6.0	2.9	6.8	1.3	3.1	10.5	14.9
15:00	2.5	3.8	2.7	3.8	1.2	1.7	7.1	8.5
16:00	1.4	2.6	1.7	2.7	.7	1.2	4.4	4.8
17:00	1.0	2.3	1.7	3.8	.8	1.7	4.6	10.1
18:00	2.0	8.0	2.4	8.8	1.1	4.0	8.2	17.2
19:00	2.2	10.4	2.6	10.9	1.2	4.9	11.0	21.8
20:00	2.1	11.5	2.5	11.7	1.1	5.2	14.9	25.9
21:00	1.5	9.7	1.9	9.8	.8	4.4	7.1	16.3
22:00	.7	7.9	.9	7.9	.4	3.6	5.3	14.9
23:00	.6	8.3	.8	8.3	.4	3.7	4.6	14.2
Avg	2.5	2.5	1.8	5.7	.8	2.6	6.3	11.3
Max	4.1	11.5	4.5	11.7	2.0	5.2	14.9	25.9
Hr. of Max	11	20	11	20	11	20	20	20
Min	.1	.3	.1	.3	.1	.2	1.6	2.3
Count	24	24	24	24	24	24	24	24
Total								